

**IN THE CLAIMS:**

1. (Original) A system for tracking a data transfer transaction across a multi-hop network, comprising:

a plurality of devices that conduct a data transfer transaction having at least one transfer segment across the multi-hop network, the plurality of devices including an origination device and a destination device;

a service device in communication with the plurality of devices, the service device generating a globally unique transaction identifier associated with the data transfer transaction; and

a tracking table maintained in the service device to track the data transfer transaction from the origination device to the destination device, the tracking table being associated with the globally unique transaction identifier.

2. (Canceled)

3. (Original) The system of claim 1, wherein the service device transmits the globally unique transaction identifier to a respective one of the plurality of devices upon receiving a job identifier generated by the respective one of the plurality of devices.

4. (Canceled)

5. (Canceled)

6. (Original) A method for tracking a data transfer transaction across a multi-hop network, comprising the steps of:

conducting a data transfer transaction among a plurality of devices in the multi-hop network, the data transfer segment having at least one transfer segment across the multi-hop network, the plurality of devices including an origination device and a destination device;

generating a globally unique transaction identifier associated with the data transfer transaction in a service device, the service device being in communication with the plurality of devices; and

maintaining a tracking table in the service device to track the data transfer transaction from the origination device to the destination device, the tracking table being associated with the globally unique transaction identifier.

7. (Canceled)

8. (Original) The method of claim 6, further comprising the step of transmitting the globally unique transaction identifier from the service device to a respective one of the plurality of devices upon receiving a job identifier generated by the respective one of the plurality of devices.

9. (Canceled)

10. (Canceled)

11. (Original) A system for tracking a data transfer transaction across a multi-hop network, comprising:

means for conducting a data transfer transaction among a plurality of devices in the multi-hop network, the data transfer segment having at least one transfer segment across the multi-hop network, the plurality of devices including an origination device and a destination device;

means for generating a globally unique transaction identifier associated with the data transfer transaction in a service device, the service device being in communication with the plurality of devices; and

means for maintaining a tracking table in the service device to track the data transfer transaction from the origination device to the destination device, the tracking table being associated with the globally unique transaction identifier.

12. (Canceled)

13. (Original) The system of claim 11, further comprising means for transmitting the globally unique transaction identifier from the service device to a respective one of the plurality of devices upon receiving a job identifier generated by the respective one of the plurality of devices.

14. (Canceled)

15. (Canceled)